IN THE CLAIMS:

data;

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Please amend the claims as follows:

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01	1. (Amended) The media processing apparatus of Claim 72, wherein the data
2	is received as a data stream including compressed AV data, wherein the media processing
3	apparatus inputs the data stream, decodes data in the inputted data stream, and outputs the
4	decoded AV data,
5	wherein said input/output processing means performs said input/output
6	processes at a non-fixed rate, the input/output processes including inputting the data
7	stream which is inputted at a non-fixed rate, storing data in the inputted data stream into a
8	memory, and supplying the data stored in the memory to the decode processing means;
9	and
10	the decode processing means which, in parallel with the input/output
11	processing, performs the decode processing where decoding of the data stream stored in
12	the memory is mainly performed, and
13	wherein the decoded AV data is stored in the memory, and
14	wherein the input/output processing means reads the decoded AV data from
15	the memory, and respectively outputs the read AV data.

16. (Amended) A media processing apparatus comprising:

an input means for inputting a data stream including compressed video

a sequential processing means for performing a sequential processing which is for condition judgements, the sequential processing including performing a header analysis for analyzing a header which is assigned to a predetermined unit of data (hereinafter, called a "block") in the data stream, wherein each block is a macroblock including a plurality of video blocks which each include luminance blocks and color-difference blocks; and

a routine processing means for performing, in parallel with the sequential processing, a routine processing which is mainly for routine calculations, the routine processing including a decoding of the compressed video data of the data stream for a block using a result of the header analysis, and

wherein the sequential processing means instructs the routine processing means to decode the block when the header analysis of the block is completed, and starts the header analysis of a next block when receiving notification from the routine

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42. (Amended) A media processing apparatus which inputs a data stream including compressed audio/video (AV) data, decodes the inputted stream data, and outputs the decoded data, the media processing apparatus comprising:

processing means that the decoding of the block is completed.

an input/output processing means for performing input/output processes, the input/output processes including storing a data stream in a memory;

a sequential processing means for performing a sequential processing mainly for condition judgements, the sequential processing including a header analysis of compressed video data in the compressed AV data and a decoding of compressed audio data in the compressed AV data, whereby the decoded audio data is stored in the memory; and

a routine processing means for performing a routine processing mainly for routine calculations on the compressed video data stored in the memory in accordance with a result of the header analysis given by the sequential processing means, the routine processing including a decoding of the compressed video data, whereby the decoded video data is stored in the memory, and

wherein the input/output processing further includes reading the decoded audio data and the decoded video data from the memory and respectively outputting the read audio data and the read video data,

wherein the header analysis is a header analysis of a macroblock including a plurality of video blocks.

Please add the following new claim:

B5 1	72. (New) A media processing apparatus, comprising:
Sub Col	an input/output processing means for performing an input/output processing
/3	of data received at a non-fixed rate; and
4	a decode processing means for performing decode processing of the data
. 5	processed by said input/output processing means at a predetermined rate, wherein the
· 6	predetermined rate at which the decode processing means processes data is independent
7	of the non-fixed rate at which data is received by said input/output processing means.